



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/588,415	07/14/2008	Karlheinz Freywald	LEO 009 PA	8357
29673	7590	02/28/2011	EXAMINER	
STEVENS & SHOWALTER LLP			NGUYEN, THINH T	
7019 CORPORATE WAY			ART UNIT	PAPER NUMBER
DAYTON, OH 45459-4238			2818	
MAIL DATE		DELIVERY MODE		
02/28/2011		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/588,415	FREYWALD, KARLHEINZ	
	Examiner THINH T. NGUYEN	Art Unit 2818	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If no period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 06 January 2011.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1,3-8,10,11 and 13-19 is/are pending in the application.
 - 4a) Of the above claim(s) 13-19 is/are withdrawn from consideration.
- 5) Claim(s) 1,3-8,10 and 11 is/are allowed.
- 6) Claim(s) _____ is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date _____
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-878)	5) <input type="checkbox"/> Notice of Informal Patent Application
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____	6) <input type="checkbox"/> Other: _____

DETAIL OFFICE ACTION

1. Claims 1,3-8,10-11,13-19 are pending in the Application with non-elected claims 13,14 withdrawn without traverse and non-elected claims 15-19 withdrawn **with traverse**

2. This application is in condition for allowance except for the presence of withdrawn claims 15-19 directed to non-elected Species with traverse

Applicant is given TWO MONTH or SIXTY DAYS from the date of this letter, whichever is longer, to cancel claims 15-19 or take other appropriate action (37 CFR 1.144).

Prosecution on the merits of this case is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Except for consideration of the above matter.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

ALLOWABLE SUBJECT MATTER

3. Claims 1,3-8,10-11 are allowed.

The following is an examiner's statement of reason for allowance: None of the references of record teaches or suggests the claimed method of forming at least one dielectrically insulating isolation trench for dielectric isolation of regions of different potential, of device structures formed above an SOI wafer having the limitations/steps:

-- “subsequently anisotropically RIE etching the oxide layers in a first step until the oxide layers are removed from the wafer surface and subsequently continuing the RIE etching process in a second step for removing the oxide layers in an upper trench portion to a defined depth for defining a later sealing portion of the at least one void by displacing downwardly the first bottleneck to form a further bottleneck --

In combination with all other limitations/steps as recited in claim 1.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thinh T Nguyen whose telephone number is 571-272-1790. The examiner can normally be reached on Monday-Friday 9:30am-6:30pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Loke can be reached at 571-272-1657. The fax phone numbers for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval [PAIR] system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**/Thinh T Nguyen/
Primary Examiner**

Application/Control Number: 10/588,415
Art Unit: 2818

Page 4

Art Unit 2818